

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|--------|---|---|------------------|---------|---------------------|
| S15   | 1408   | 418/201.3,205,206.1,206.5.ccls.   | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2011/10/12<br>22:03 |
| S16   | 424    | 418/150.ccls. not S15   | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2011/10/12<br>22:03 |
| S17   | 949    | 418/196,197.ccls. not S15 not S16   | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2011/10/12<br>22:03 |
| S18   | 17746  | ((discontinuous discontinuity<br>discontinuue bronken interrupted) with<br>(curvature profile curve tooth toothed<br>teeth) | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2011/10/13<br>20:39 |
| S19   | 4611   | ((two twin pair multiple plurality) with<br>convex with (profile tooth toothed<br>teeth)                                    | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2011/10/13<br>20:40 |
| S20   | 533625 | ((two twin pair multiple plurality) with<br>(gear rotor)  | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2011/10/13<br>20:40 |
| S21   | 960562 | ((tooth toothed teeth)  | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2011/10/13<br>20:41 |
| S22   | 95     | S21 with root with concave with ((two<br>twin pair multiple plurality)  | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2011/10/13<br>20:41 |
| S23   | 3      | S18 and S19 and S20 and S22   | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2011/10/13<br>20:43 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
|       |      |              |     |                  |         |            |

|     |        |  |                          |    |    |                  |
|-----|--------|--|--------------------------|----|----|------------------|
| S24 | 13138  | (discontinuous discontinuity<br>discontinue bronken<br>interrupted) with (curvature<br>profile curve tooth toothed<br>teeth) | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2011/10/13 20:57 |
| S25 | 2898   | (two twin pair multiple<br>plurality) with convex with<br>(profile tooth toothed teeth)                                      | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2011/10/13 20:57 |
| S26 | 240962 | (two twin pair multiple<br>plurality) with (gear rotor)  | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2011/10/13 20:57 |
| S27 | 409774 | (tooth toothed teeth)  | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2011/10/13 20:57 |
| S28 | 47     | S27 with root with concave<br>with (two twin pair multiple<br>plurality)   | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2011/10/13 20:57 |
| S29 | 2      | S24 and S25 and S26 and S28  | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2011/10/13 20:58 |

10/13/2011 9:32:35 PM

C:\Documents and Settings\mdavis\My Documents\EAST\Workspaces\10568585-Gear Pump Teeth  
Profile - 2 convex-2concave portions-2 tansitions-2 contacts.wsp